

| Application No.  | Applicant(s) |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--|--|--|--|--|--|--|--|--|
| 10/612,074       | CHA, JAE HAN |  |  |  |  |  |  |  |  |  |
| Examiner         | Art Unit     |  |  |  |  |  |  |  |  |  |
|                  |              |  |  |  |  |  |  |  |  |  |
| Michelle Estrada | 2823         |  |  |  |  |  |  |  |  |  |

| -                            |   |   | 7,9.77 |  |            | IS     | SUE C                             | LASSIF                              | ICATIO          | N  |          |  |  |  |  |  |  |  |
|------------------------------|---|---|--------|--|------------|--------|-----------------------------------|-------------------------------------|-----------------|--|----------|--|--|--|--|--|--|--|
| ORIGINAL                     |   |   |        |  |            |        | CROSS REFERENCE(S)                |                                     |                 |  |          |  |  |  |  |  |  |  |
| CLASS SUBCLASS               |   |   |        |  | JBCLASS    | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |                                     |                 |  |          |  |  |  |  |  |  |  |
| 438 424                      |   |   |        |  | 424        | 438    | 429                               | 433                                 |                 |  |          |  |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |   |        |  | SIFICATION | -3 - 7 |                                   |                                     | *               |  |          |  |  |  |  |  |  |  |
| Н                            | 0   | 1 | L      |  | 21/76      |        | -,, -                             |                                     |                 |  | <u> </u> |  |  |  |  |  |  |  |
|                              |   |   |        |  | 1.         |        | - 1                               |                                     |                 |  | i de l   |  |  |  |  |  |  |  |
|                              |   |   |        |  | 1          |        |                                   |                                     | . "38 " ""      |  |          |  |  |  |  |  |  |  |
|                              |   | 1 |        |  | . 1        |        | 1.30 · . le:                      |                                     |                 |  |          |  |  |  |  |  |  |  |
|                              |   |   |        |  | 1          | 4.60   |                                   |                                     |                 |  |          |  |  |  |  |  |  |  |
|                              | Michelle-Estrada 9/27/04 (Assistant Examiner) (Date)  (Legal Instruments Examiner) (Date) |   |        |  |            |        |                                   | George<br>Primary<br>mary Examiner) | Fourson Examine | Total Claims Allowed: 14  O.G. O.G. Print Claim(s) Print Fig.  1 2A,2B,2 C |          |  |  |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |      |       |          |                                       |       |          |         | ☐ CPA |          |                   | ☐ T.D. |          |  | ☐ R.1.47 |          |         |       |          |
|-------|---|------|-------|----------|---------------------------------------|-------|----------|---------|-------|----------|-------------------|--------|----------|--|----------|----------|---------|-------|----------|
| Final | Original  |      | Final | Original |                                       | Final | Original |         | Final | Original |                   | Final  | Original |  | Final    | Original |         | Final | Original |
| 1     | 1   | - ,  |       | 31       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |       | 61       |         |       | 91       | 31 J              |        | 121      | V.                                       |          | 151      |         |       | 181      |
|       | 2   |      |       | 32       |                                       |       | 62       |         |       | 92       |                   |        | 122      | 81 A. V.                                 |          | 152      |         |       | 182      |
| 2     | _3  |      |       | 33       | -                                     |       | 63       |         |       | 93       |                   |        | 123      | je sije                                  |          | 153      |         |       | 183      |
| 3     | 4   |      |       | 34       |                                       |       | 64       |         |       | 94       | 2 7               |        | 124      | 14.7                                     |          | 154      |         |       | 184      |
| 4     | 5   | 1.5  |       | 35       | 1                                     |       | 65       |         |       | 95       |                   |        | 125      | t qu                                     |          | 155      |         |       | 185      |
| 5     | 6   | 5    |       | 36       |                                       |       | 66       | 7       |       | 96       |                   | _      | 126      | 13.                                      |          | 156      |         |       | 186      |
| 6     | 7   |      |       | 37       |                                       |       | 67       |         |       | 97       |                   |        | 127      |  |          | 157      | -       |       | 187      |
| 7     | 8   |      |       | 38       |                                       |       | 68       | at-     |       | 98       | ,                 |        | 128      |  |          | 158      |         |       | 188      |
| 8     | 9   |      |       | 39       |                                       |       | 69       | 16 P. 1 |       | 99       |                   |        | 129      |  |          | 159      |         |       | 189      |
| 9     | 10  |      |       | 40       |                                       |       | 70       | ×       |       | 100      | 100               |        | 130      |  |          | 160      | Á.      |       | 190      |
| 10    | 11  |      |       | 41       | -4"                                   |       | 71       |         |       | 101      |                   |        | 131      | ,  |          | 161      |         |       | 191      |
| 11    | 12  | . 4  |       | 42       |                                       |       | 72       |         |       | 102      |                   |        | 132      |  |          | 162      | ]       |       | 192      |
| 12    | 13  | -, 3 |       | 43       |                                       |       | 73       | 1,31    |       | 103      |                   |        | 133      |  |          | 163      |         |       | 193      |
| 13    | 14  |      |       | 44       |                                       |       | 74       | - 1     |       | 104      |                   |        | 134      |  |          | 164      | .je     |       | 194      |
| 14    | 15  | Y .  |       | 45       |                                       |       | 75       |         |       | 105      | 1-56              |        | 135      | 1.47                                     |          | 165      | Mr.     |       | 195      |
|       | 16  | ]    |       | 46       |                                       |       | 76       |         |       | 106      |                   |        | 136      |  |          | 166      | 1       |       | 196      |
|       | 17  |      |       | 47       |                                       |       | 77       | ].      |       | 107      |                   |        | 137      |  |          | 167      |         |       | 197      |
|       | 18  |      |       | 48       |                                       |       | 78       |         |       | 108      |                   |        | 138      |  |          | 168      |         |       | 198      |
|       | 19  |      |       | 49       | 100                                   |       | 79       | 5.5     |       | 109      | 20                |        | 139      | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |          | 169      |         |       | 199      |
|       | 20  |      |       | 50       |                                       |       | 80       |         |       | 110      |                   |        | 140      |  |          | 170      |         |       | 200      |
|       | 21  |      |       | 51       |                                       |       | 81       | . 5.9   |       | 111      | w <sub>ey</sub> r |        | 141      | 100                                      |          | 171      |         |       | 201      |
|       | 22  |      |       | 52       |                                       |       | 82       |         |       | 112      | 4                 |        | 142      |  |          | 172      |         |       | 202      |
|       | 23  |      |       | 53       |                                       |       | 83       |         |       | 113      | 1                 |        | 143      |  |          | 173      | 1       |       | 203      |
|       | 24  |      |       | 54       |                                       |       | 84       |         |       | 114      |                   |        | 144      | 1.7                                      |          | 174      |         |       | 204      |
|       | 25  |      |       | 55       | . v                                   |       | 85       | ]       |       | 115      | _ , ]             |        | 145      |  |          | 175      | , a     |       | 205      |
|       | 26  | 1    |       | 56       |                                       |       | 86       | 0       |       | 116      | Ŧ                 |        | 146      | 1.5                                      |          | 176      | 1.071 4 |       | 206      |
|       | 27  |      |       | 57       |                                       |       | 87       | ] , ,   |       | 117      | ú                 |        | 147      | 8  |          | 177      |         |       | 207      |
|       | 28  |      |       | 58       |                                       |       | 88       | ]       |       | 118      |                   |        | 148      | •  |          | 178      |         |       | 208      |
|       | 29  |      |       | 59       |                                       |       | 89       | ]       |       | 119      | 0                 |        | 149      |  |          | 179      |         |       | 209      |
|       | 30  |      |       | 60       |                                       |       | 90       | . 1     |       | 120      |                   |        | 150      |  |          | 180      | *       |       | 210      |